0	For receiving Office use only		
0-1	International Application No.		
0-2	International Filing Date		
0-3	Name of receiving Office and "PCT International Application"		
0-4	Form PCT/RO/101 PCT Request		
0-4-1	Prepared Using	PCT-SAFE [EASY mode] Version 3.50 (Build 0002.162)	
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty		
0-6	Receiving Office (specified by the applicant)	Israel Patent Office (RO/IL)	
0-7	Applicant's or agent's file reference	28204	
	Title of Invention	METHOD AND APPARATUS FOR LEARNING, RECOGNIZING AND GENERALIZING SEQUENCES	
1	Applicant		
1-1	This person is	applicant only	
1-2	Applicant for	all designated States except US	
1-4	Name	RAMOT AT TEL AVIV UNIVERSITY LTD.	
I-5	Address	P.O. Box 39296 61 392 Tel Aviv Israel	
11-6	State of nationality	IL	
1-7	State of residence	IL	
1-8	Telephone No.		
1-9	Facsimile No.		
II-1	Applicant and/or inventor		
l - 1-1	This person is	applicant only	
11-1-2	Applicant for	all designated States except US	
ii-1-4	Name	CORNELL RESEARCH FOUNDATION, INC.	
II-1-5	Address	Cornell Business & Technology Park 20 Thornwood Drive, Suite 105 Ithaca, New York 14850 United States of America	
	State of nationality	US	
II-1-6	o and or readonality	105	

III-2-1 This person is applicant and inventor III-2-2 Applicant for US only III-2-4 Name (LAST, First) EDELMAN, Shimon 106 Brandywine Drive Ithaca, New York 14850-1708 United States of America III-2-6 State of nationality IL State of residence US III-3-1 Applicant and/or inventor III-3-1 Applicant for US only III-3-4 Applicant and inventor III-3-7 State of nationality IL III-3-7 State of residence IL III-4-4 Applicant and/or inventor III-4-1 Address Address Applicant and inventor III-4-1 Address Address Address Applicant and inventor III-4-1 Address Ad	III-2-2 III-2-4 III-2-5 III-2-6 III-2-7 III-3-1 III-3-2 III-3-4	Applicant for Name (LAST, First) Address State of nationality State of residence Applicant and/or inventor This person is Applicant for Name (LAST, First) Address	US only EDELMAN, Shimon 106 Brandywine Drive Ithaca, New York 14850-1708 United States of America IL US applicant and inventor US only HORN, David 28 Gutman Nachum Street 69343 Tel Aviv
	III-2-4 III-2-5 III-2-6 III-2-7 III-3 III-3-1 III-3-2 III-3-4	Name (LAST, First) Address State of nationality State of residence Applicant and/or inventor This person is Applicant for Name (LAST, First) Address	US only EDELMAN, Shimon 106 Brandywine Drive Ithaca, New York 14850-1708 United States of America IL US applicant and inventor US only HORN, David 28 Gutman Nachum Street 69343 Tel Aviv
III-2-4 Name (LAST, First) EDELMAN, Shimon 106 Brandywine Drive Ithaca, New York 14850-1708 United States of America III-2-7 State of residence US III-3-1 III-3-1 Applicant and/or inventor III-3-5 Address Address Address Address Address Address Applicant and inventor III-3-6 State of nationality III-3-7 State of residence III-3-8 III-3-9 Applicant and/or inventor III-3-1 III-3-1 Applicant for US only III-3-1 III-3-1 Applicant and/or inventor III-3-1 III-3-1 Applicant for US only III-3-1 Applicant for US only III-3-1 Address	III-2-5 III-2-6 III-2-7 III-3 III-3-1 III-3-2 III-3-4	Address State of nationality State of residence Applicant and/or inventor This person is Applicant for Name (LAST, First) Address	EDELMAN, Shimon 106 Brandywine Drive Ithaca, New York 14850-1708 United States of America IL US applicant and inventor US only HORN, David 28 Gutman Nachum Street 69343 Tel Aviv
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III-2-6 State of nationality III-2-7 State of residence III-3 Applicant and/or inventor III-3-1 This person is III-3-2 Applicant for III-3-3 Address III-3-4 Address III-3-5 State of nationality III-3-7 State of residence III-3-7 State of residence III-3-8 State of nationality III-3-9 State of residence III-4-1 This person is III-4-2 Applicant and/or inventor III-4-1 This person is III-4-2 Applicant for III-4-3 Address III-4-4 Name (LAST, First) III-4-5 State of nationality III-4-7 State of residence III-4-8 State of nationality III-4-9 State of residence III-4-1 This person is III-4-5 State of nationality III-4-6 State of nationality III-4-7 State of residence III-5-1 This person is III-5-1 This person is III-5-1 This person is III-5-1 Applicant and/or inventor III-5-1 This person is III-5-1 Applicant for III-5-1 Applicant for III-5-1 Applicant for III-5-1 Applicant for III-5-1 This person is III-5-1 Applicant for III-5-1 Applicant for III-5-1 This person is III-5-1 Applicant for III-5-1 Applicant	111-2-7 111-3 111-3-1 111-3-2 111-3-4	State of residence Applicant and/or inventor This person is Applicant for Name (LAST, First) Address	Ithaca, New York 14850-1708 United States of America IL US applicant and inventor US only HORN, David 28 Gutman Nachum Street 69343 Tel Aviv
United States of America III-2-6 III-2-7 State of residence US III-3 Applicant and/or inventor This person is III-3-5 Address III-3-6 State of nationality III-3-7 State of nationality III-3-8 State of nationality III-3-9 III-3-1 III-3-1 III-3-1 III-3-1 III-3-2 Applicant and inventor III-3-1 III-3-1 III-3-2 III-3-3 State of nationality III-3-4 Applicant and/or inventor III-3-7 III-4-1 III-4-1 Applicant for US only III-4-2 Applicant and inventor US only III-4-3 Address III-4-5 Address Applicant and inventor III-4-5 State of nationality III III-4-7 State of residence III III-5-1 III-5-2 Applicant for US only	111-2-7 111-3 111-3-1 111-3-2 111-3-4	State of residence Applicant and/or inventor This person is Applicant for Name (LAST, First) Address	United States of America IL US applicant and inventor US only HORN, David 28 Gutman Nachum Street 69343 Tel Aviv
III-2-6 State of nationality IL III-2-7 State of residence US III-3 Applicant and/or inventor III-3-1 This person is Applicant and inventor III-3-2 Applicant for US only III-3-3 Address 28 Gutman Nachum Street 69343 Tel Aviv III-3-5 III-3-6 State of nationality IL III-3-7 State of residence IL III-4 Applicant and/or inventor III-4 This person is Applicant and inventor III-4 Address Address Address III-4 Applicant for US only III-4 Address Address Address III-4 State of nationality IL III-4 State of nationality IL III-4 State of residence IL III-5 Applicant and/or inventor III-5 This person is Applicant and inventor III-5 Applicant and/or inventor III-5 Applicant and/or inventor III-5 Applicant for US only III-5 Applicant and III-5 Applicant for US only III-5 Applicant and III-5 Applicant and III-5 Applicant for US only III-5 Applicant and	111-2-7 111-3 111-3-1 111-3-2 111-3-4	State of residence Applicant and/or inventor This person is Applicant for Name (LAST, First) Address	IL US applicant and inventor US only HORN, David 28 Gutman Nachum Street 69343 Tel Aviv
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III-3-1 This person is applicant and inventor US only III-3-2 Applicant for US only HORN, David Address 28 Gutman Nachum Street 69343 Tel Aviv Israel III-3-7 State of nationality IL III-3-7 State of residence IL III-4-1 This person is applicant and inventor III-4-2 Applicant for US only RUPPIN, Eytan Address 44 Lilach Street 71 908 Reut Israel III-4-6 State of residence IL III-4-7 State of residence IL III-4-7 State of residence IL III-5 Applicant and/or inventor III-5-1 This person is applicant and inventor III-5-2 Applicant for US only	-3-1 -3-2 -3-4	This person is Applicant for Name (LAST, First) Address	US only HORN, David 28 Gutman Nachum Street 69343 Tel Aviv
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III-3-4 Name (LAST, First) HORN, David 28 Gutman Nachum Street 69343 Tel Aviv Israel III-3-6 State of residence IL III-3-7 State of residence IL III-4 Applicant and/or inventor III-4-1 This person is applicant and inventor US only III-4-1 Address Address Address Address Address Address Address Address Applicant and inventor III-4-7 State of residence IL III-5 Applicant and/or inventor III-5 Applicant and/or inventor III-5 Applicant for US only III-5 Applicant for US only Applicant for US only III-5 Applicant for US only Address Address Applicant for US only III-5 Applicant for US only Address Address Applicant for US only III-5 Applicant for US only Address Address Address Applicant for US only III-5 Applicant for US only Address Address Address Applicant for US only III-5 Applicant for US only Address Address Address Applicant for US only III-5 Address Address Address Applicant for US only III-5 Address Address Address Applicant for US only III-5 Address	111-3-4	Name (LAST, First) Address	HORN, David 28 Gutman Nachum Street 69343 Tel Aviv
III-3-5 Name (LAST, First) HORN, David III-3-5 Address 28 Gutman Nachum Street 69343 Tel Aviv Israel III-3-7 State of residence IL III-4 Applicant and/or Inventor III-4-1 This person is applicant and inventor III-4-2 Applicant for US only III-4-4 Name (LAST, First) RUPPIN, Eytan III-4-5 Address 44 Lilach Street 71 908 Reut Israel III-4-6 State of nationality IL III-5 Applicant and/or inventor III-5 Applicant and/or inventor III-5 Applicant for US only III-5-2 Applicant for US only III-5-2 Applicant for US only III-5 Applicant for US only III-5 Applicant for US only III-5 III-5 III-5 Applicant for US only III-5 III-5 III-5 III-5 III-5 III-5 III-5 III-5 III-5 III-5 III-5 III-5 III-5 III-5 III-5 III-5 III-5 III-5 III-5 III-5 III-5 III-5 III-5 III-5 III-5 III-5 II		Address	HORN, David 28 Gutman Nachum Street 69343 Tel Aviv
State of nationality IL	III-3-5		69343 Tel Aviv
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III-3-6 State of nationality III-3-7 State of residence III-4 Applicant and/or inventor III-4-1 This person is III-4-2 Applicant for III-4-4 Name (LAST, First) III-4-5 Address III-4-6 State of nationality III-4-7 State of residence III-5-1 This person is III-5-2 Applicant and/or inventor III-5-2 Applicant for III-5-2 Applicant for III-5-1 This person is III-5-2 Applicant for III-5-2 Applicant for III-5-2 Applicant for III-5-3 Applicant for III-5-2 Applicant for III-5-1 US only III-5-1 This person is III-5-2 Applicant for III-5-2 Applicant for III-5-3 Applicant for III-5-1 US only		Change of the Control of the	i
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III-4 Applicant and/or inventor III-4-1 This person is applicant and inventor III-4-2 Applicant for US only III-4-4 Name (LAST, First) RUPPIN, Eytan III-4-5 Address 44 Lilach Street 71 908 Reut Israel III-4-7 State of nationality III-4-7 State of residence III-5-1 This person is III-5-2 Applicant for III-5-2 Applicant for III-5-2 Applicant for III-5-3 Applicant for III-5-4 Applicant for III-5-5 Applicant for III-5-7 US only	III-3-6	State of nationality	IL
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Address Address 44 Lilach Street 71 908 Reut Israel III-4-6 State of nationality III III-5 Applicant and/or inventor III-5-1 This person is Applicant for US only	111-4-2	Applicant for	US only
III-4-6 State of nationality IL III-4-7 State of residence IL III-5 Applicant and/or inventor III-5-1 This person is Applicant for US only	III-4-4	Name (LAST, First)	RUPPIN, Eytan
Israel III-4-6 State of nationality IL III-4-7 State of residence IL III-5 Applicant and/or inventor III-5-1 This person is applicant and inventor III-5-2 Applicant for US only	111-4-5	Address	44 Lilach Street
III-4-6 State of nationality IL III-4-7 State of residence IL III-5 Applicant and/or inventor III-5-1 This person is applicant and inventor III-5-2 Applicant for US only			71 908 Reut
III-4-7 State of residence IL III-5 Applicant and/or inventor III-5-1 This person is applicant and inventor III-5-2 Applicant for US only			Israel
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III-5-1 This person is applicant and inventor III-5-2 Applicant for US only	111-4-7	State of residence	IL
III-5-2 Applicant for US only	III-5	Applicant and/or inventor	
US ONLY	III-5-1	This person is	applicant and inventor
III.5.4 Name (LAST Simt)	111-5-2	Applicant for	US only
SOLAN, Tsach	III-5-4	Name (LAST, First)	SOLAN, Tsach
III-5-5 Address 10 Lea Street	111-5-5	Address	10 Lea Street
69 412 Tel Aviv		•	?
Israel			Israel
III-5-6 State of nationality	111-5-6	State of nationality	IL
•	111-5-7	State of residence	IL

IV-1	Agent or common representative; or address for correspondence	
	The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name	G.E. EHRLICH (1995) LTD.
IV-1-2	Address	11 Menachem Begin Street 52 521 Ramat Gan Israel
IV-1-3	Telephone No.	972-3-6127676
IV-1-4	Facsimile No.	972-3-6127575
IV-1-5	e-mail	patents@ipatent.co.il
IV-1-6	Agent's registration No.	
V	DESIGNATIONS	
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.	
VI-1	Priority claim of earlier national application	
VI-1-1	Filing date	31 July 2003 (31.07.2003)
VI-1-2	Number	60/491,235
VI-1-3	Country	us
VI-2	Priority claim of earlier national application	
VI-2-1	Filing date	14 October 2003 (14.10.2003)
VI-2-2	Number	60/510,553
VI-2-3	Country	US
VII-1	International Searching Authority	United Chates Debank and Maria
	Chosen	United States Patent and Trademark Office (USPTO) (ISA/US)

VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	5	1
1X-2	Description	45	
IX-3	Claims	22	-
IX-4	Abstract	1	/
IX-5	Drawings	18	-
1X-7	TOTAL	91	
	Accompanying Items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	popor documento, diametro	electronic me(s) attached
IX-10	Original general power of attorney	/	_
IX-13	Priority document(s)	Item(s) VI-1 VI-2	_
IX-17	PCT-SAFE physical media	_	/
IX-18	other	ILS 476 -	· · · · · · · · · · · · · · · · · · ·
	·	transmittal fee	
IX-19	Figure of the drawings which should accompany the abstract	•	
IX-20	Language of filing of the International application	English	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name	G.E. EHRLICH (1995) LTD.	
X-1-2	Name of signatory	MELNICK, Geoffrey, L.	
X-1-3	Capacity	Agent	

Original (for SUBMISSION)

FOR RECEIVING OFFICE USE ONLY

10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/US
10-6	Transmittal of search copy delayed until search fee is paid	
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11-1	Date of receipt of the record copy by the International Bureau	